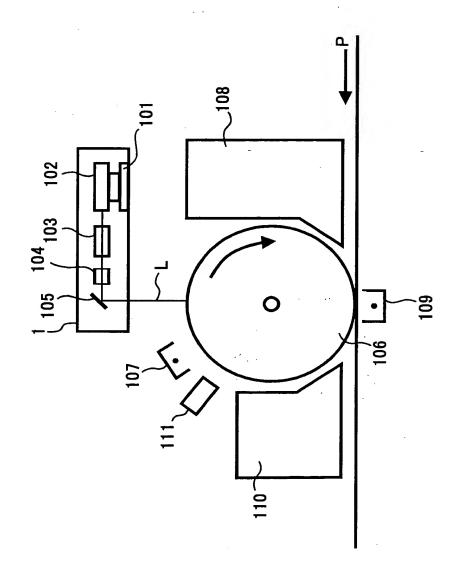
**FIG.** 1



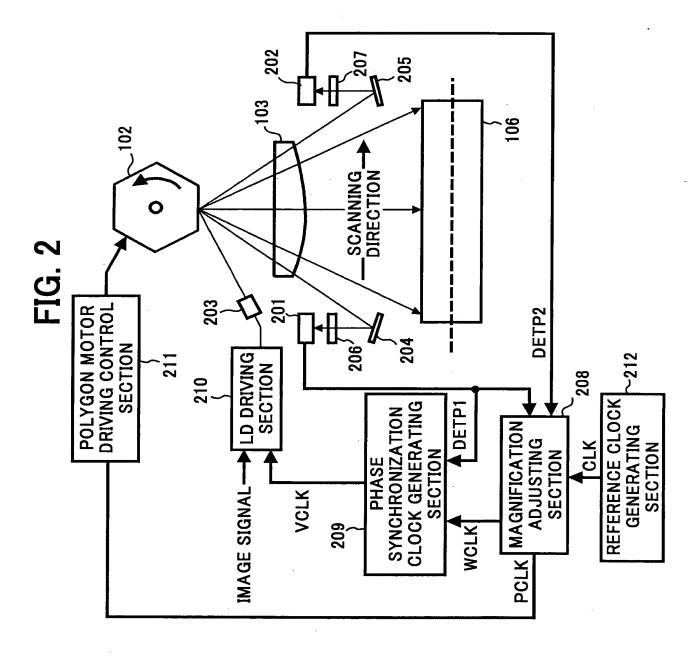
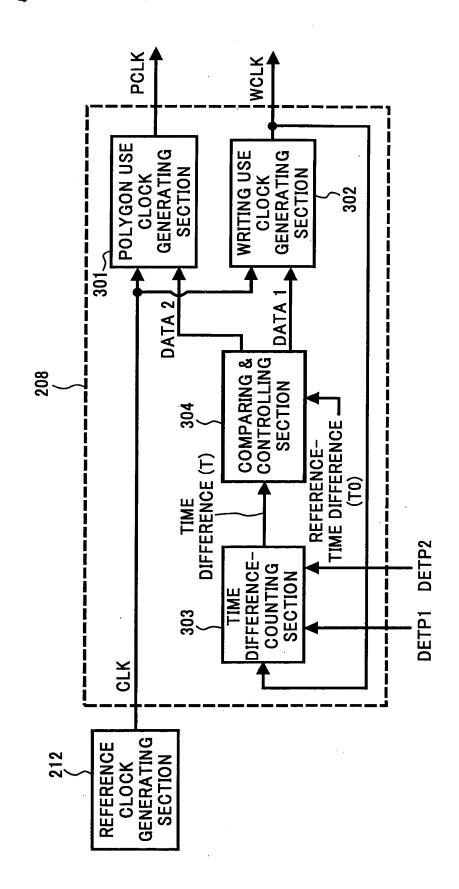
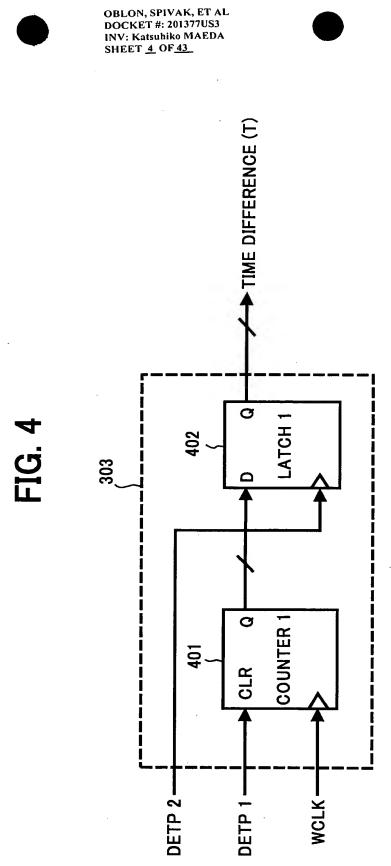
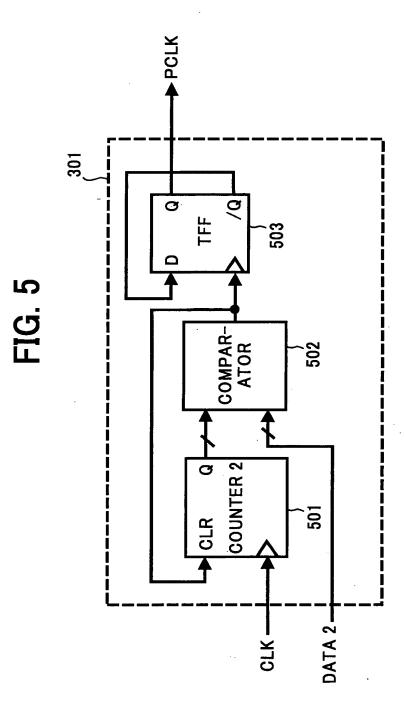


FIG. 3







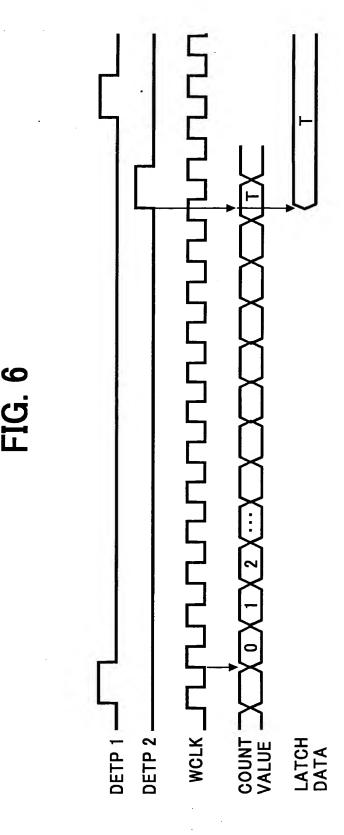


FIG. 7

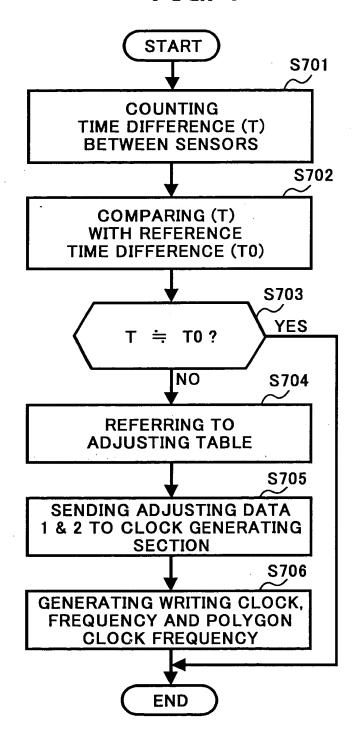
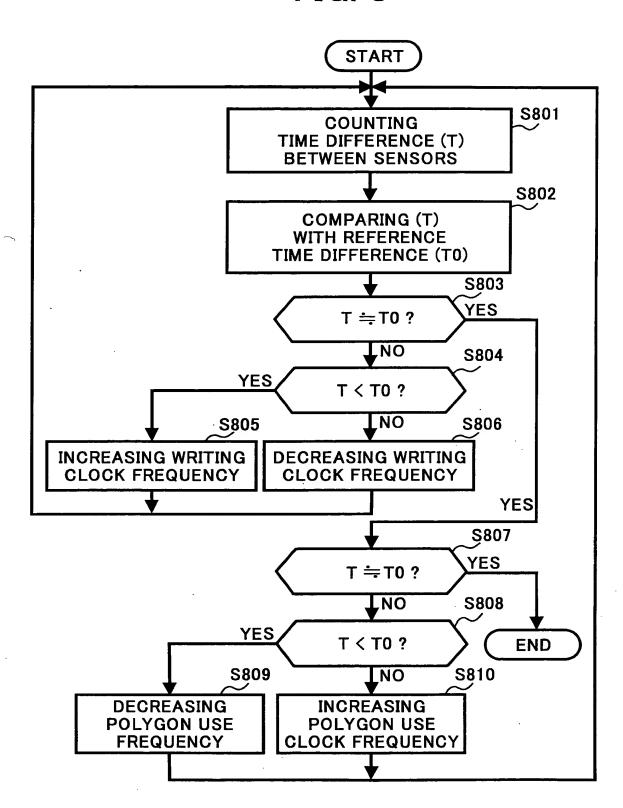
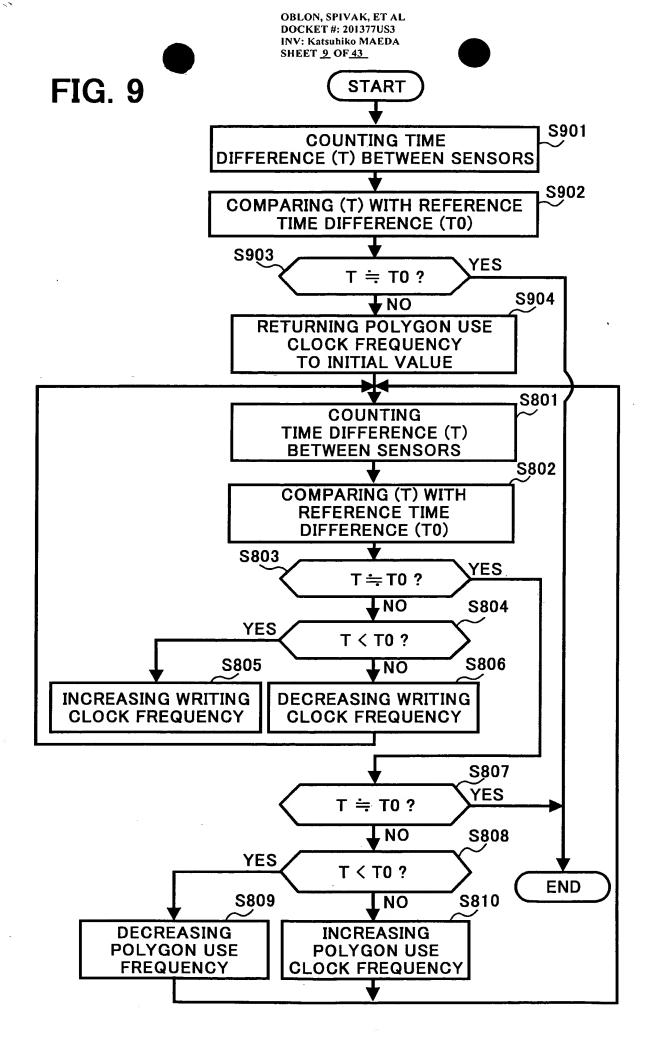
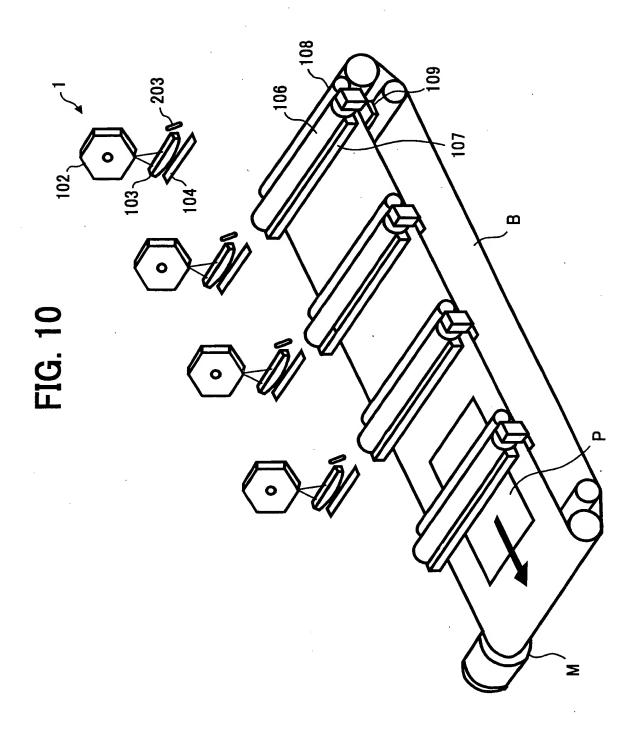


FIG. 8







1104Y 1103Y 1106Y 1105Y 1105M 1104M 106M 108M 1,107 1102MY 1106M 110M 109M 106C 108C 1101 1106C 1102BKC 1104C 109BK 108BK LBK 1103C 1106B 1103BK 1105BK 110BK

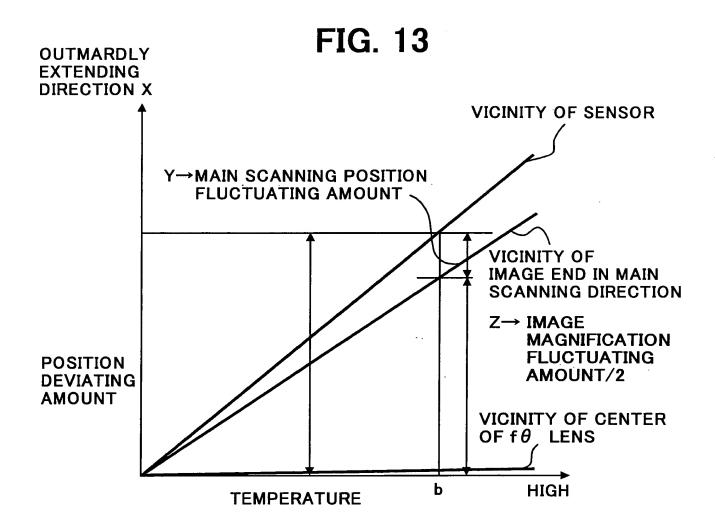
OBLON, SPIVAK, ET AL DOCKET #: 201377US3 INV: Katsuhiko MAEDA SHEET 11 OF 43

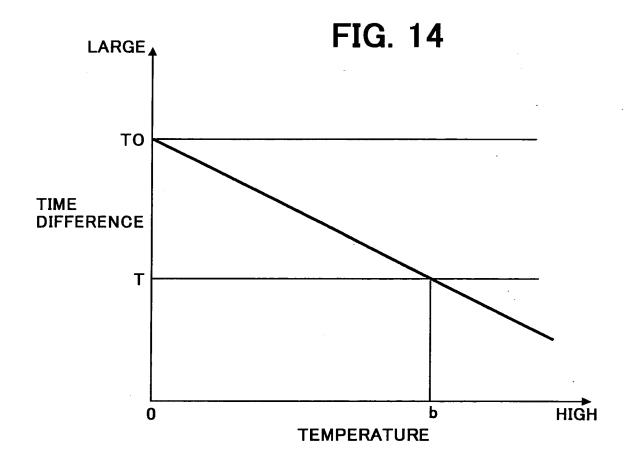
FIG. 11

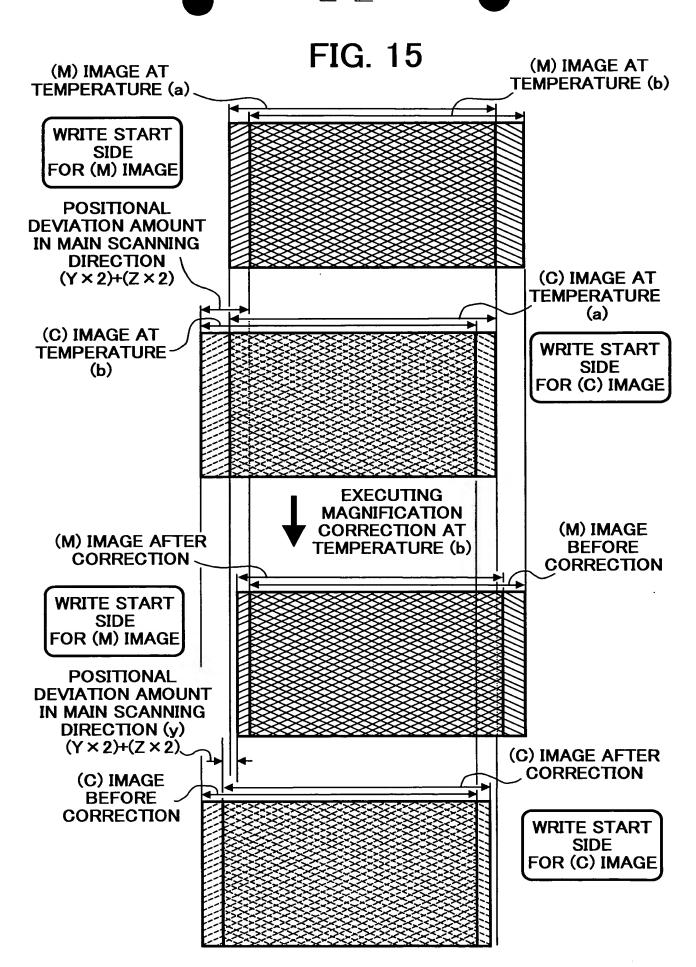
1206MY 1204MY 103Y SCANNING DIRECTION 1207MY 1103M 1102MY 1203Y. FIG. 12 0 1201BK 1203BK 1102BKC 1202C 1201C 1103C SCANNING DIRECTION 1204BKC 1206BKC 1205BKC 1207BKC 1203BK

OBLON, SPIVAK, ET AL DOCKET #: 201377US3 INV: Katsuhiko MAEDA

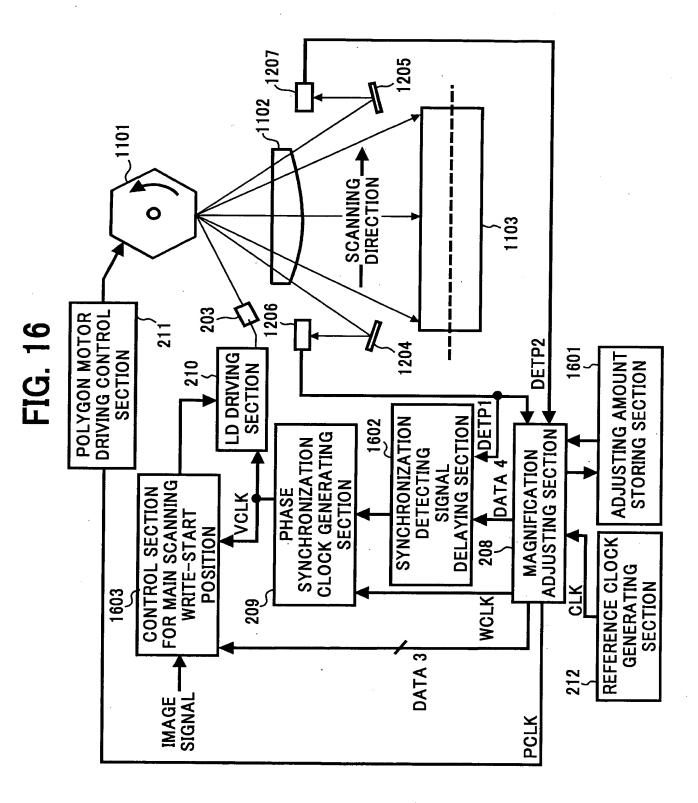
SHEET 12 OF 43







OBLON, SPIVAK, ET AL DOCKET #: 201377US3 INV: Katsuhiko MAEDA SHEET <u>16</u> OF <u>43</u>



The state of the s

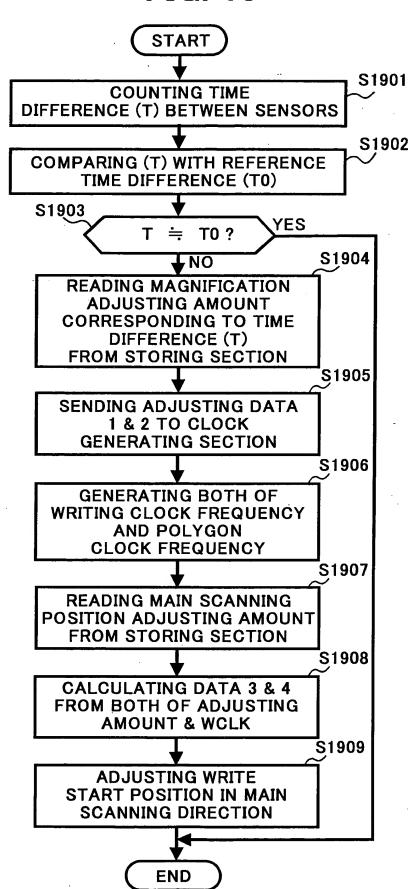
WCLK PCLK POLYGON USE CLOCK GENERATING CLOCK GENERATING SECTION SECTION WRITING 302 301 DATA 2 DATA **ADJUSTING AMOUNT** STORING SECTION COMPARING & CONTROLLING DATA3 DATA4 **SECTION** REFERENCE TIME DIFFERENCE (T0) 304 TIME 3 TIME DIFFERENCE DETP1 DETP2 COUNTING SECTION CLK 303 CLOCK GENERATING REFERENCE SECTION

OBLON, SPIVAK, ET AL DOCKET #: 201377US3 INV: Katsuhiko MAEDA SHEET <u>18</u> OF <u>43</u>

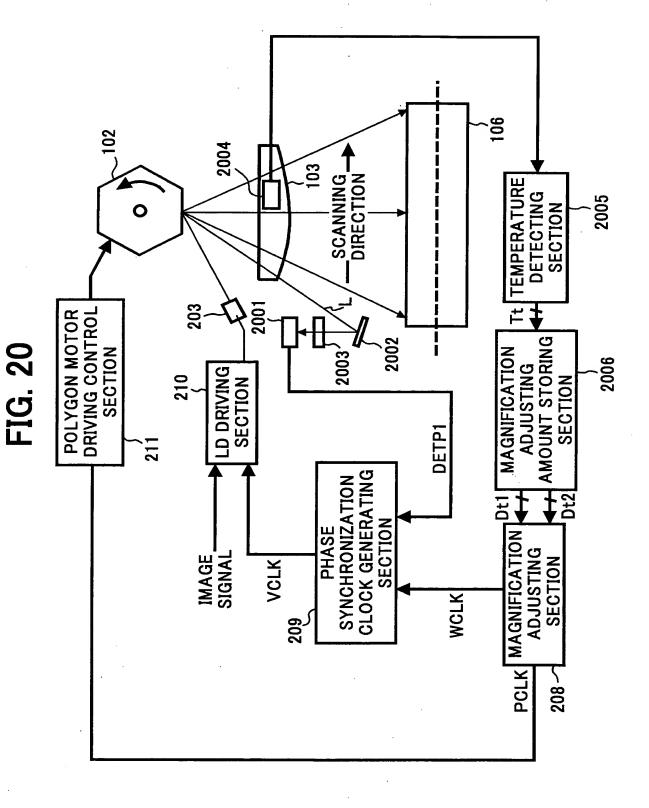
DELAY BY 1VCLK + 1/4VCLK **4VCLK** 3VCLK 1/4VCLK VCLK /LGATE \_ /LGATE VCLK DETP (DETP1) DETP

FIG 18

OBLON, SPIVAK, ET AL DOCKET #: 201377US3 INV: Katsuhiko MAEDA SHEET 19 OF 43



OBLON, SPIVAK, ET AL DOCKET #: 201377US3 INV: Katsuhiko MAEDA SHEET <u>20</u> OF <u>43</u>



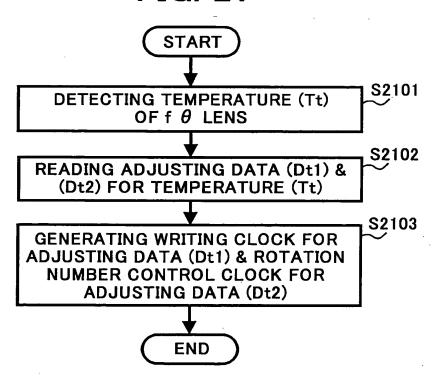
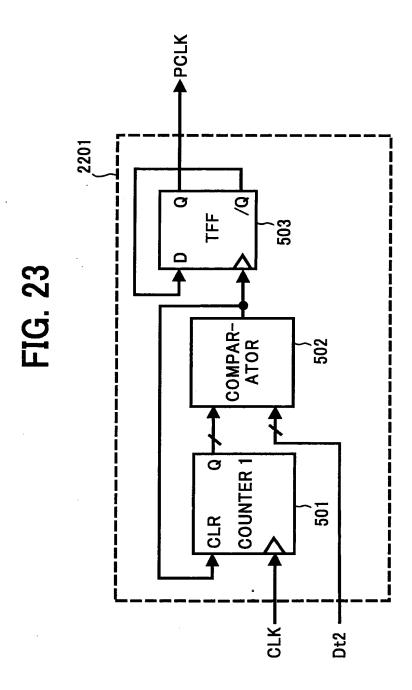
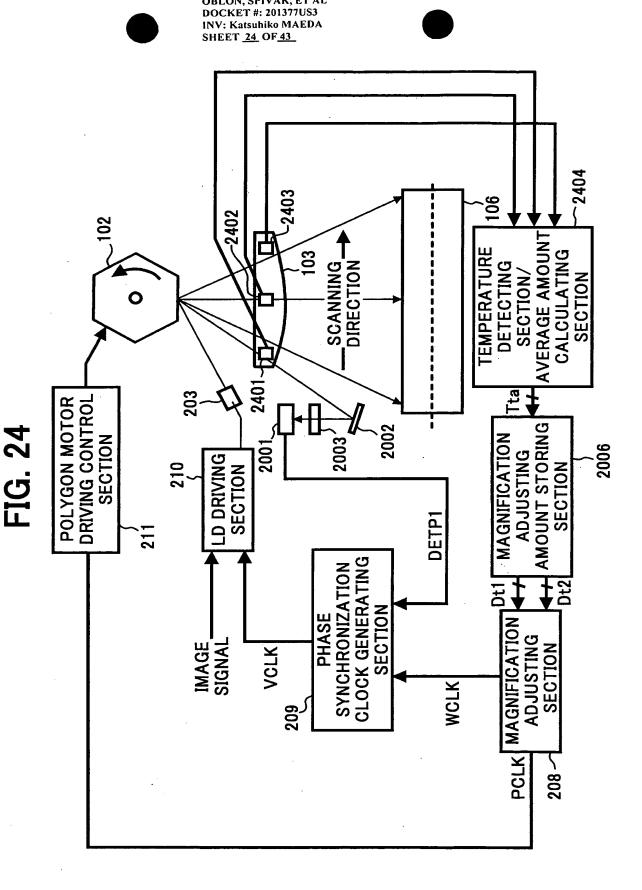
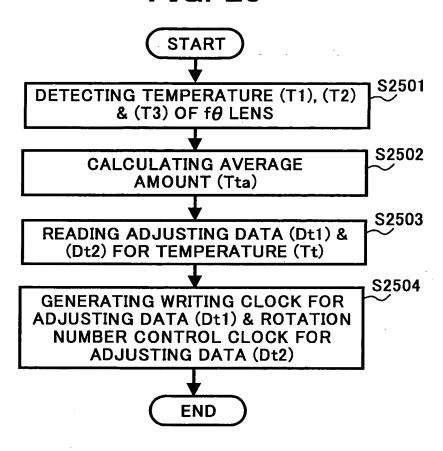


FIG. 22 208 2201 **ROTATIO** Dt2 **NUMBER PCLK** CONTROL 212 **CLOCK GENERATING REFERENCE** CLK **SECTION CLOCK GENERATING SECTION WRITING WCLK** CLOCK **GENERATING SECTION** Dt1 302

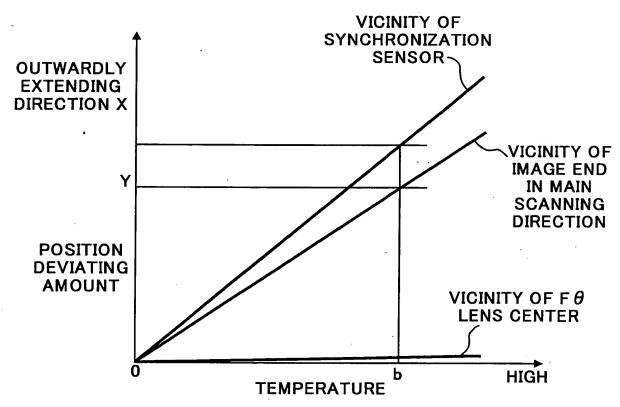


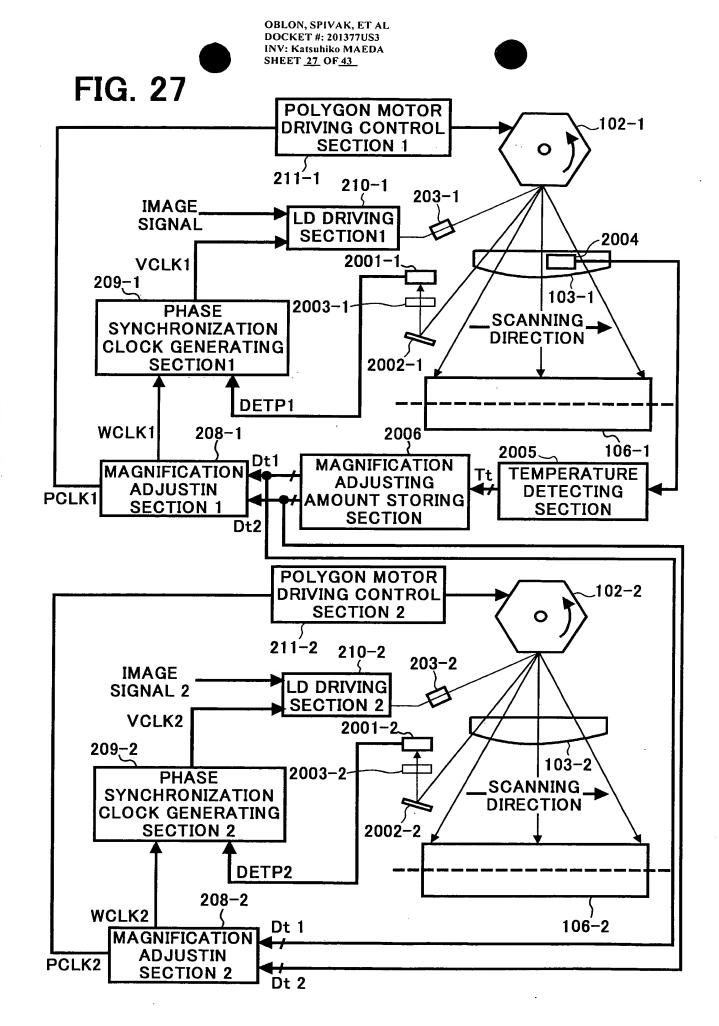


OBLON, SPIVAK, ET AL



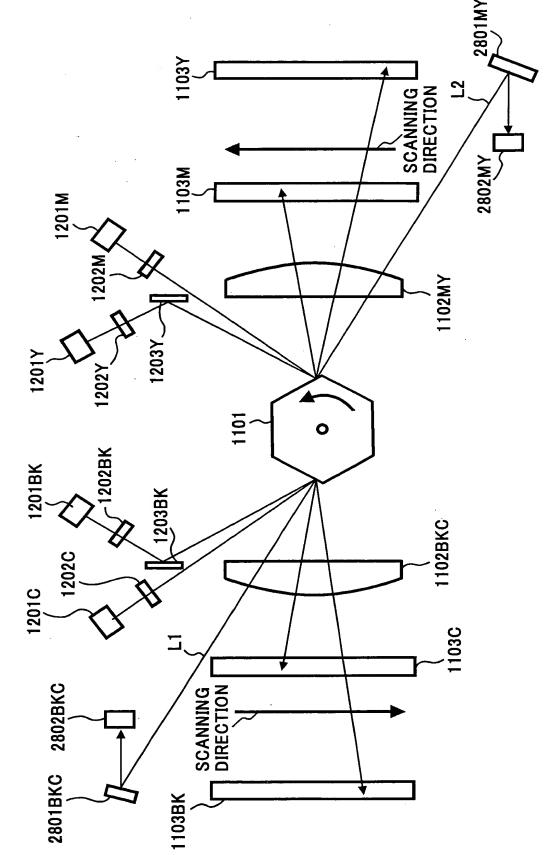


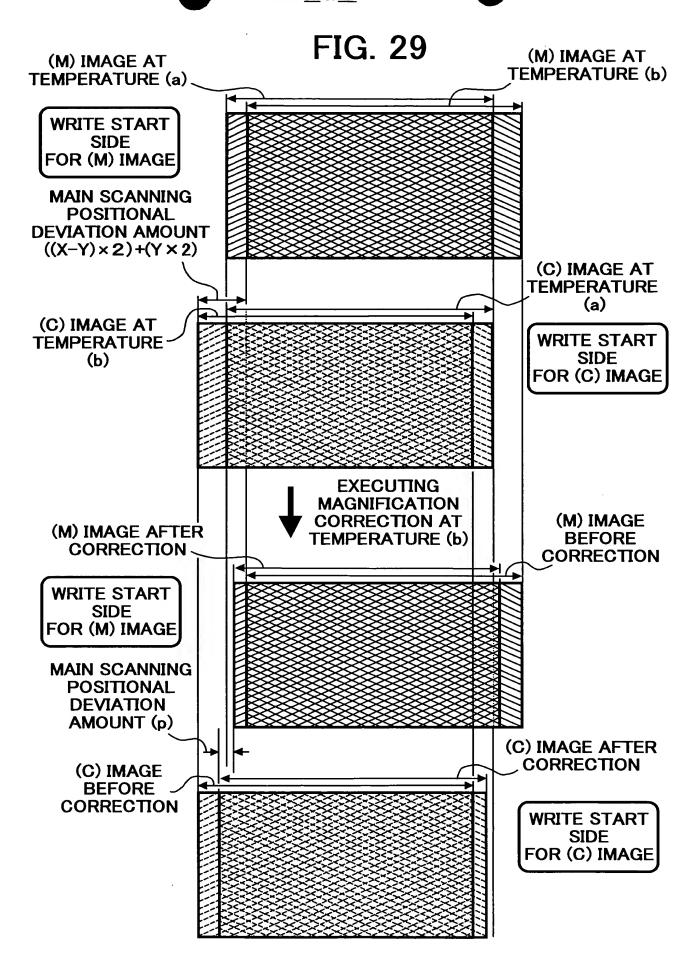




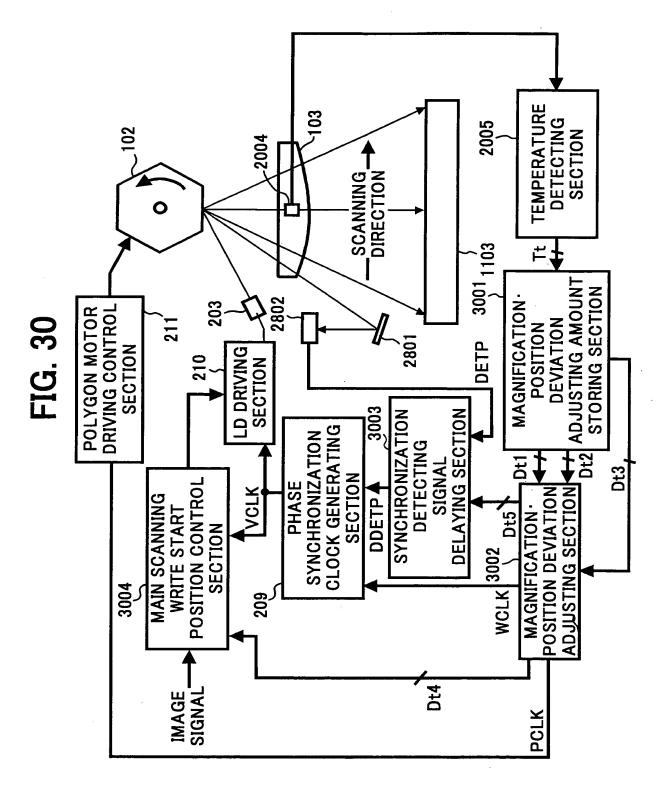
OBLON, SPIVAK, ET AL DOCKET #: 201377US3 INV: Katsuhiko MAEDA SHEET <u>28</u> OF <u>43</u>

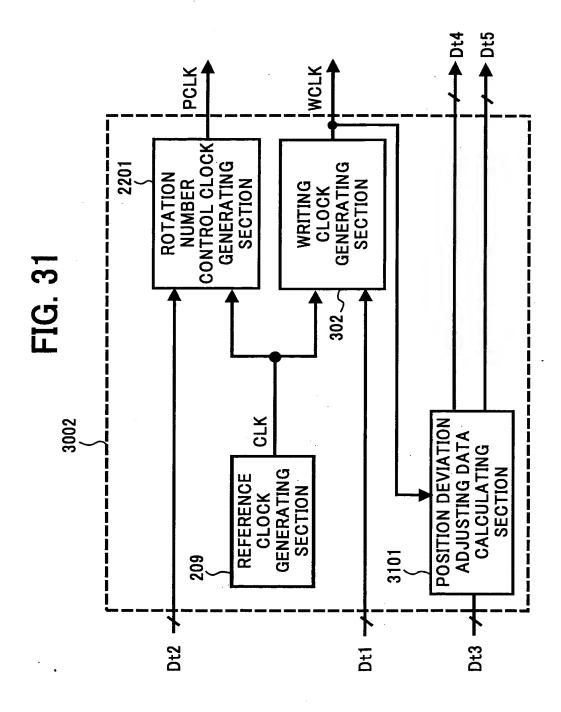
FIG. 28

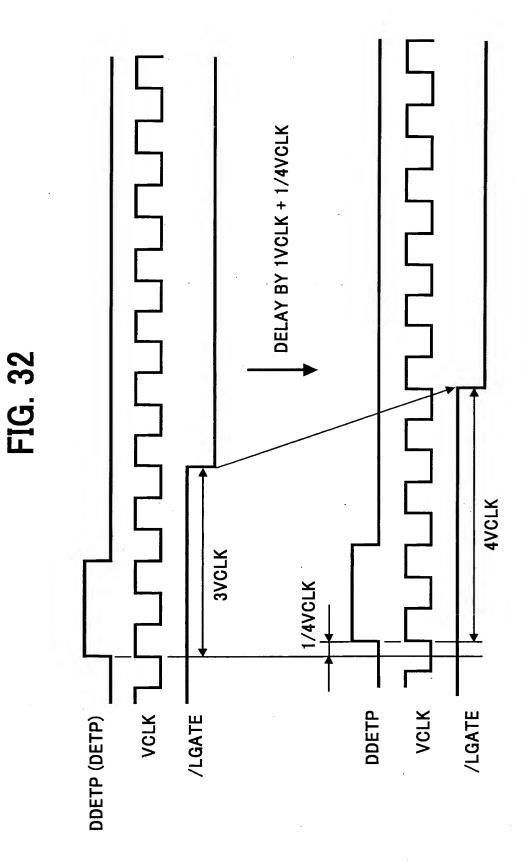




OBLON, SPIVAK, ET AL DOCKET #: 201377US3 INV: Katsuhiko MAEDA SHEET <u>30</u> OF <u>43</u>







OBLON, SPIVAK, ET AL DOCKET #: 201377US3 INV: Katsuhiko MAEDA SHEET 33 OF 43

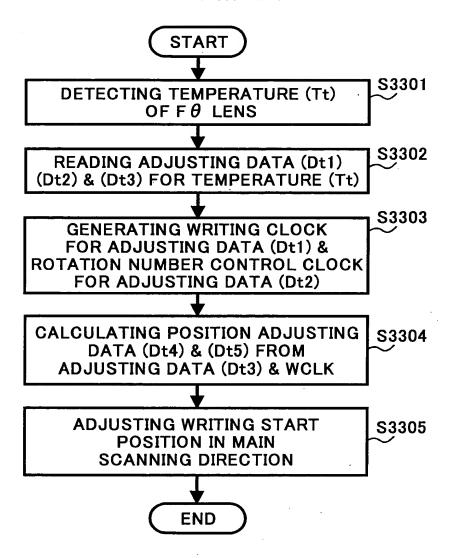


FIG. 34

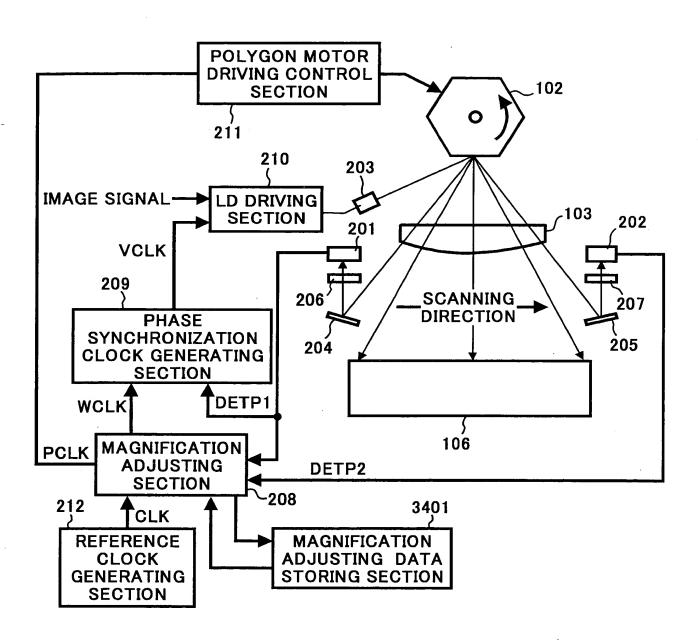
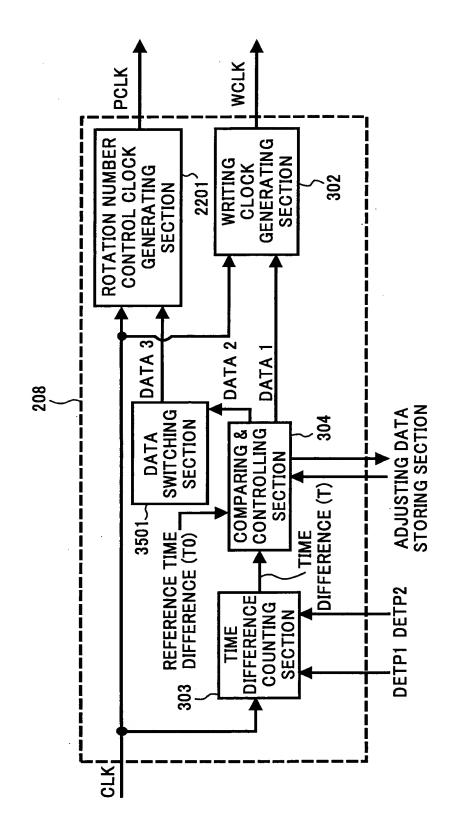
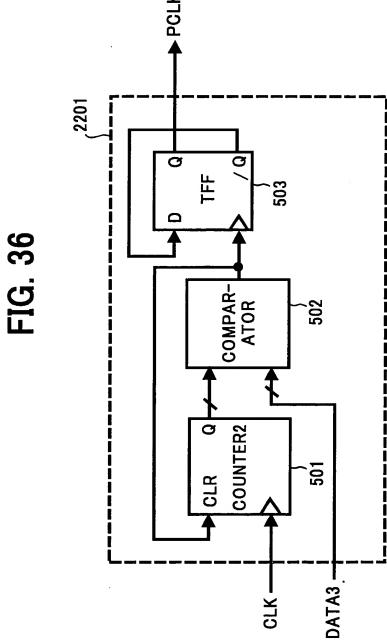


FIG. 35



OBLON, SPIVAK, ET AL DOCKET #: 201377US3 INV: Katsuhiko MAEDA SHEET <u>36</u> OF <u>43</u>



OBLON, SPIVAK, ET AL DOCKET #: 201377US3 INV: Katsuhiko MAEDA SHEET 37 OF 43

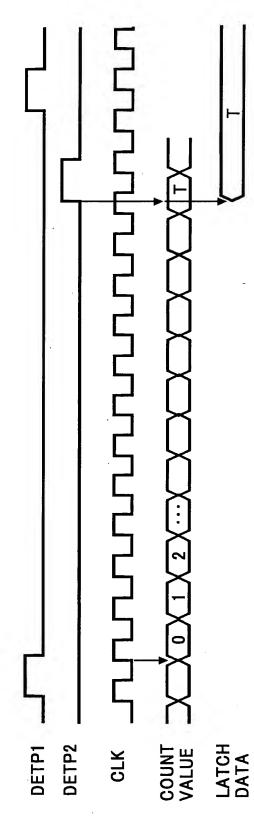
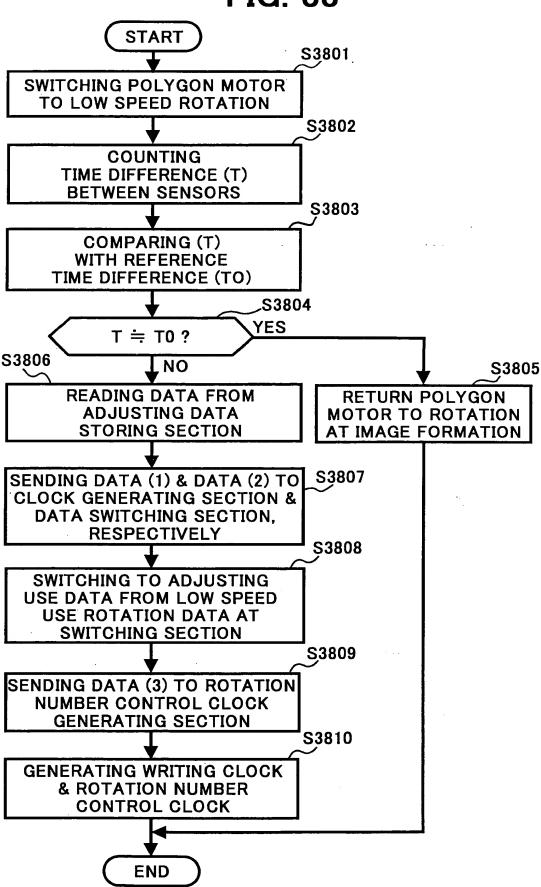


FIG.37

OBLON, SPIVAK, ET AL DOCKET #: 201377US3 INV: Katsuhiko MAEDA SHEET 38 OF 43



PCLK WRITING CLOCK GENERATING ROTATION NUMBER CONTROL CLOCK GENERATING SECTION SECTION 302 2201 DATA -304 208 **SWITCHING** SECTION COMPARING & CONTROLLING SECTION DATA DIFFERENCE (T) 3501 REFERENCE TIME DIFFERENCE (T0) TIME DETP1 DETP2 TIME DIFFERENCE COUNTING SECTION 303 CLK

FIG. 39

FIG. 40

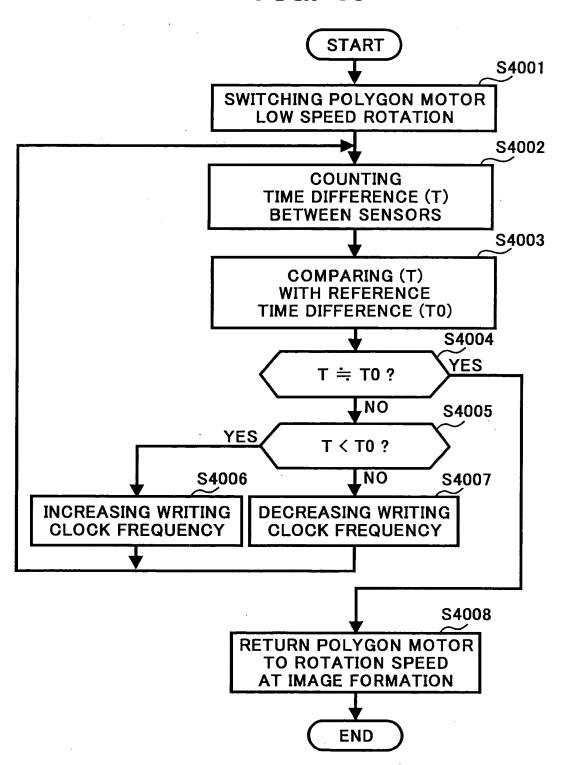


FIG. 41

